

WHAT IS CLAIMED IS:

1. A method of treatment of gastrointestinal disorders comprising the administration of a recombinant microorganism delivering a trefoil peptide *in vivo*.
2. The method of claim 1 wherein the gastrointestinal disorders involve lesions.
3. The method of claim 1, wherein the microorganism is a bacterial strain.
4. The method of claim 3, wherein the microorganism is a food grade gram-positive bacterial strain.
5. The method of claim 4, wherein the bacterial strain is a *Lactococcus* or a *Lactobacillus* species.
6. The method of claim 5, wherein the bacterial strain is *Lactococcus lactis*.
7. The method of claim 1, wherein the trefoil peptide is TFF1.
8. The method of claim 1, wherein the gastrointestinal disorders comprise Crohn's disease (enteritis regionalis), ulcerative colitis (colitis ulcerosa) or acute colitis.
9. The method of claim 1, wherein the administration of the micro-organism is by oral or anal administration.
10. The method of claim 9, wherein the oral administration is by a gastric catheter.
11. The method of claim 1, wherein the recombinant microorganism comprises a recombinant vector comprising a peptide-coding sequence under the control of a suitable promoter sequence and a suitable secretion signal sequence.

12. The method of claim 11, wherein the recombinant vector comprises a nucleotide sequence represented by any of SEQ ID NOS. 1, 2 or 3.
13. The method of claim 1, wherein the gastrointestinal disorders are localized in the colon.